EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1174	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L2	149	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L3	506	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L4	1320	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L5	1174	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L6	149	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L7	506	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L8	1320	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L9	1058	(L5 OR L6 OR L7 OR L8) AND beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L10	530	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L11	509	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link)) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L12	363	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L13	319	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L14	173	(L5 OR L6 OR L7 OR L8) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L15	62	(L5 OR L6 OR L7 OR L8) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L16	1927	arcsin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L17	57	arcsin WITH wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L18	138	arcsin SAME wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L19	91	arcsin WITH lambda	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L20	24	arcsin WITH lambda WITH (theta OR phi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L21	30	(bad ADJ null) OR (pseudo ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L22	157	(false OR fake OR unwanted) ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L23	38	(good ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L24	1885	downlink ADJ3 frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L25	1061	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L26	5495	null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L27	210	null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) NEAR3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L28	3687	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ3 null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L29	70	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ3 null ADJ3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L30	129	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L31	4	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ5 null ADJ5 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L32	129	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4 OR redirect) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L33	359758	antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L34	45	antenna AND (null WITH DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L35	1846	antenna AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L36	719	(antenna ADJ array) AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L37	265	(antenna ADJ array) AND (null WITH direction WITH (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L38	14492	antenna ADJ array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L39	1266	(antenna ADJ array) AND ((antenna OR element) ADJ (spacing OR distance OR separation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L40	410	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L41	123	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L42	24	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH quarter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L43	55	(weight ADJ generator) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L44	62	sum ADJ5 (uplink AND downlink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L45	1	sum WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L46	1174	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L47	149	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L48	506	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L49	1320	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L50	1174	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L51	149	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L52	506	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L53	1320	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L54	1058	(L50 OR L51 OR L52 OR L53) AND beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L55	530	(L50 OR L51 OR L52 OR L53) AND beam AND (downlink OR (down ADJ link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L56	509	(L50 OR L51 OR L52 OR L53) AND beam AND (downlink OR (down ADJ link)) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L57	363	(L50 OR L51 OR L52 OR L53) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L58	319	(L50 OR L51 OR L52 OR L53) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L59	173	(L50 OR L51 OR L52 OR L53) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L60	62	(L50 OR L51 OR L52 OR L53) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L61	1927	arcsin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L62	57	arcsin WITH wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L63	138	arcsin SAME wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L64	91	arcsin WITH lambda	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L65	24	arcsin WITH lambda WITH (theta OR phi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L66	30	(bad ADJ null) OR (pseudo ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L67	157	(false OR fake OR unwanted) ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L68	38	(good ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L69	1885	downlink ADJ3 frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L70	1061	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L71	5495	null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L72	210	null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) NEAR3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L73	3687	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ3 null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L74	70	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ3 null ADJ3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L75	129	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L76	4	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ5 null ADJ5 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L77	129	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4 OR redirect) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L78	359758	antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L79	45	antenna AND (null WITH DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L80	1846	antenna AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L81	719	(antenna ADJ array) AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L82	265	(antenna ADJ array) AND (null WITH direction WITH (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L83	14492	antenna ADJ array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L84	1266	(antenna ADJ array) AND ((antenna OR element) ADJ (spacing OR distance OR separation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L85	410	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L86	123	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L87	24	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH quarter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L88	55	(weight ADJ generator) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L89	62	sum ADJ5 (uplink AND downlink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L90	1	sum WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L91	381909	((antenna or array or element) near5 (spac$3 or separation or distance or delta))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L92	41	(null near3 wrap$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L93	102	(wavelength near3 uplink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L94	101	(wavelength near3 downlink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L95	1654	(342/368.ccls. or 342/372.ccls. or 342/373.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L96	285	(342/368.ccls. or 342/372.ccls. or 342/373.ccls.) and null and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L97	11	(342/368.ccls. or 342/372.ccls. or 342/373.ccls.) and null and beam and (fdd or (frequency adj division adj duplex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L98	1	"6041237".PN.	USPAT; USOCR	OR	ON	2006/08/07 12:28
L99	1	sum WITH (uplink ADJ wavelength) WITH (downlink ADJ wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L100	1	sum WITH ((uplink AND downlink) NEAR3 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L101	1	averag$4 WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L102	1	"6041237".PN.	USPAT; USOCR	OR	ON	2006/08/07 12:28
L103	1	sum WITH (uplink ADJ wavelength) WITH (downlink ADJ wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L104	1	sum WITH ((uplink AND downlink) NEAR3 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L105	1	averag$4 WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L106	1	09/922442	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L107	37	(L5 OR L6 OR L7 OR L8) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null AND weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L108	4	arcsin WITH wavelength WITH antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L109	3	arcsin SAME wavelength SAME (antenna WITH (spacing OR separation OR distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L110	10	arcsin SAME wavelength SAME antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L111	17	arcsin WITH lambda WITH theta	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L112	7	L20 NOT L111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L113	5	bad ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L114	25	L21 NOT L113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L115	20	((false OR fake OR unwanted) ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L116	18	(good ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L117	32	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L118	11	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio WITH phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L119	7	null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) NEAR3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L120	29	(null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) NEAR3 (zero OR "0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L121	2	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ3 null ADJ3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L122	2	L31 NOT L121	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L123	8	((mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ5 null ADJ5 (zero OR "0")) WITH (direction OR DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L124	44	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4 OR redirect) ADJ5 null ADJ5 ("0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L125	3	((mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4 OR redirect) ADJ5 null ADJ5 ("0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L126	8	(antenna ADJ array) AND (null WITH direction WITH (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) WITH (zero OR "0"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L127	7	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half WITH less WITH equal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L128	2	downlink ADJ weight ADJ generator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L129	11	((weight ADJ generator) WITH downlink) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L130	37	(L50 OR L51 OR L52 OR L53) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null AND weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L131	4	arcsin WITH wavelength WITH antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L132	3	arcsin SAME wavelength SAME (antenna WITH (spacing OR separation OR distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L133	10	arcsin SAME wavelength SAME antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L134	17	arcsin WITH lambda WITH theta	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L135	7	L65 NOT L134	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L136	5	bad ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L137	25	L66 NOT L136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L138	20	((false OR fake OR unwanted) ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L139	18	(good ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L140	32	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L141	11	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio WITH phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L142	7	null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) NEAR3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L143	29	(null NEAR3 (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) NEAR3 (zero OR "0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L144	2	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ3 null ADJ3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L145	2	L76 NOT L144	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L146	8	((mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) ADJ5 null ADJ5 (zero OR "0")) WITH (direction OR DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L147	44	(mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4 OR redirect) ADJ5 null ADJ5 ("0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L148	3	((mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4 OR redirect) ADJ5 null ADJ5 ("0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L149	8	(antenna ADJ array) AND (null WITH direction WITH (mov$4 OR reset$4 OR steer$4 OR shift$4 OR plac$4) WITH (zero OR "0"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

L150	7	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half WITH less WITH equal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L151	2	downlink ADJ weight ADJ generator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L152	11	((weight ADJ generator) WITH downlink) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L153	2	L91 with L93 with L94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L154	4	downlink with (greater or higher or more or exceed) with wavelength with (spac$3 or separation or delta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L155	2	uplink with (less$2 or lower or below) with wavelength with (spac$3 or separation or delta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L156	4	(uplink adj null) with (downlink adj null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L157	26	(pseudonull or (pseudo adj null))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L158	173	(pseudonull or (pseudo adj null) or (false adj null))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28
L159	2	"6018317".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28

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L160	2	"6141567".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 12:28